



REMCOR, Inc. • 701 Alpha Drive • P.O. Box 38310 • Pittsburgh, PA 15238-8310 • 412-963-1106

August 26, 1988

Project No. 88548

Ms. Mabel Gehman 845-2526
504 Main Street
Bally, PA 19503

Subject:
Domestic Well Analytical Results From
Samples Collected Pursuant to the
Remedial Investigation of the
Bally Engineered Structures Site
Bally, Pennsylvania

Dear Ms. Gehman:

As you are aware, Remcor, Inc. (Remcor), an environmental consulting firm from Pittsburgh, is conducting an evaluation of ground water contamination in the Borough of Bally. This work is being performed in accordance with requirements of the U.S. Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Resources (PADER).

In December 1987 or January 1988, you had permitted us to collect a sample from your well. We have since analyzed the samples and compiled the results. The purpose of this letter is to provide you with a copy of these results.

The samples were all analyzed for the volatile organic compounds (VOCs) identified on EPA's target compound list. All of these VOCs are listed on the accompanying "Volatile Organics Analysis Data Sheet". With reference to the data sheet, the "CAS No.", or Chemical Abstracts Service Number is merely a standard numerical designation for each of the VOCs identified by its scientific name under the heading "Compound". All concentration units are reported in terms of micrograms of the VOC per liter of sample ($\mu\text{g}/\text{l}$), often also referred to as "parts per billion". Data qualifiers are reported under the "Q" column. Of importance here is the qualifier "U", which means that the VOC analyzed for was not detected at the level shown under the concentration column, which is the limit of analytical detection (the lowest concentration that the instrumentation can identify in the sample).

35767

8/30 called M. Gehman and
verified that she was not
using well water. She
is currently using the
municipal water supply

P. Tan

800519

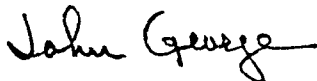
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As you can see, most of the VOCs included in the analysis were not found above the analytical detection limit in your well. Two VOCs, however, denoted with the "B" designator, were found in both your sample and a "blank" (B) sample. The blank sample is known to be free of VOCs and is analyzed as a check on the laboratory procedures. The occurrence of methylene chloride and acetone, both commonly-used laboratory reagents, in the blank sample makes their occurrence in your sample somewhat suspect. In addition, three VOCs were positively identified in your sample above the analytical detection limit. These are 1,1-dichloroethene, 1,1,1-trichloroethane, and trichloroethene. As you are aware, these VOCs were also found in your well in sampling conducted in 1983 and 1986. We understand that you were advised on the basis of these results that your well should not be used for drinking purposes. You should also be aware that the current analyses indicate an increase in the levels of these three VOCs since the last sampling in May 1986.

We appreciate the opportunity to have sampled your well and trust that this letter adequately explains the results. A copy of these results has been forwarded to both the EPA and the PADER. Should you have any questions about the analyses, you may contact either Remcor or the EPA Project Manager, Ms. Patricia Tan (215/597-3164).

Very truly yours,



John A. George
Project Manager

JAG:mah
Attachment

cc: Ms. Patricia Tan, EPA Region III
Mr. Thomas Sheehan, Pennsylvania Department of Environmental
Resources, Bureau of Solid Waste Management

886560

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"REALISTIC SOLUTIONS FOR HAZARDOUS WASTE PROBLEMS"



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

Mabel Gelman

EPA SAMPLE NO.

Lab Name: NUS HOUSTON ^{mw 2/25/88}

Contract: NUS

RBBGWRW007

Lab Code: NUS-PGH

Case No.: REMCOR

SAS No.: _____

SDG No.: CCC

Matrix: (soil/water) WATER

Lab Sample ID: 18Q10150

Sample wt/vol: 1.0 (g/mL) ML

Lab File ID: V201118B04

Level: (low/med) LOW

Date Received: 01/06/88

% Moisture: not dec. _____

Date Analyzed: 01/11/88

Column: (pack/cap) PACK

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	50	1U
74-83-9	Bromomethane	50	1U
75-01-4	Vinyl Chloride	50	1U
75-00-3	Chloroethane	50	1U
75-09-2	Methylene Chloride	25	1B
67-64-1	Acetone	170 327	1B
75-15-0	Carbon Disulfide	25	1U
75-35-4	1,1-Dichloroethene	120	1
75-35-3	1,1-Dichloroethane	25	1U
540-59-0	1,2-Dichloroethene (total)	25	1U
67-66-3	Chloroform	25	1U
107-06-2	1,2-Dichloroethane	25	1U
78-93-3	2-Butanone	50	1U
71-55-6	1,1,1-Trichloroethane	420	1
56-23-5	Carbon Tetrachloride	25	1U
108-05-4	Vinyl Acetate	50	1U
75-27-4	Bromodichloromethane	25	1U
78-87-5	1,2-Dichloropropane	25	1U
10061-01-5	cis-1,3-Dichloropropene	25	1U
79-01-6	Trichloroethene	190	1
124-48-1	Dibromochloromethane	25	1U
79-00-5	1,1,2-Trichloroethane	25	1U
71-43-2	Benzene	25	1U
10061-02-6	Trans-1,3-Dichloropropene	25	1U
75-25-2	Bromoform	25	1U
108-10-1	4-Methyl-2-Pentanone	50	1U
591-78-6	2-Hexanone	50	1U
127-18-4	Tetrachloroethene	25	1U
79-34-5	1,1,2,2-Tetrachloroethane	50	1U
108-88-3	Toluene	25	1U
108-90-7	Chlorobenzene	25	1U
100-41-4	Ethylbenzene	25	1U
100-42-5	Styrene	25	1U
	Total Xylenes	25	1U

25
3-9-88

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